



— Y-12 BULLETIN

A Newspaper For Y-12 Employees of Union Carbide Corporation—Nuclear Division

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OAK RIDGE, TENNESSEE

September 13, 1967



TRAINING AND TECHNOLOGY PROJECT students left Y-12 September 1 after 52 weeks of training in the program. Training of the students was done by experienced industrial personnel in Y-12. Oak Ridge Associated Universities, University of Tennessee, Tennessee Department of Employment Security, Tennessee Department of Education, Division of Vocational-Education, and labor organizations also participated in the program.



JACK M. CASE, DEPUTY SUPERINTENDENT of Y-12, congratulates the TAT Graduates, as 157 men and women gained certificates attesting their successful completion of the technical training in Y-12. Most of the graduates have accepted or are considering firm offers of employment. "Use and display what you have learned to promote the best interest of your employer," Case urged the graduates.

'Proud--Enthusiastic' Case Congratulates TAT Grads

"Congratulations from Y-12, and good fortune to you," J. M. Case, deputy superintendent of Y-12, told the 157 graduates of the Training and Technology Project's first full-year training class.

A total of 43 communities in East Tennessee was represented by the out-going trainees, as they held graduating exercises September 1 at Jefferson Junior High School.

The trainees received certificates of completion in one of the six skill or technical fields which were a part of the project—mechanical engineering technology, machining, physical testing, industrial electronics, glass fabrication and welding. All of the classes, with the exception of welding, were of a one-year duration. The welding course lasted 26 weeks.

Most of the graduates have accepted or are considering firm offers of employment in the first successful joint venture in training underemployed personnel.

Joint Venture

Training was under the direction of experienced industrial personnel at the plant which is operated for the Atomic Energy Commission by the Nuclear Division of Union Carbide Corporation. Oak Ridge Associated Universities, University of Tennessee, Tennessee Department of Employment Security, Tennessee Department of Education, Division of Vocational-Education, and labor organizations in the area participated in the efforts. The project is supported by funds from the U. S. Department of Labor and the U. S. Office of Education.

"Use and display what you have learned to promote the best interest of your employer," Case urged the graduates. "Give him regular attendance—he can only meet schedules and plans with your help. Continue your studies

and education in your field."

'Happy Occasions'

"Graduations are usually happy occasions for all involved and are also very important milestones in peoples lives," he began.

In giving the students a brief history of Y-12, Case stated, "Y-12 was built during 1943, 44 and 45 at an initial cost of approximately one-half billion dollars, and had a wartime peak employment of 23,000 employees for its original purpose — to produce material for the Hiroshima bomb, one of two which ended the war with Japan."

"Today the nature of our work has greatly changed. Y-12 is a highly sophisticated manufacturing and development engineering organization using every advanced technique and facilities to perform the work assigned to us by the A.E.C. There are approximately 4,500 people working in the plant, including engineers, scientists, administrators, skilled craftsmen, and others."

"When the Training and Technology Program was formed, Y-12 accepted the responsibility of:

1. Conducting skill-training for workers and providing an industrial setting for the training.
2. Providing experienced personnel as instructors.

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ASCET Sets Charter Date

The Oak Ridge-Knoxville Chapter of the American Society of Certified Engineering Technicians announces the presentation of their charter at a dinner meeting next week. It will be held at the Oak Ridge Country Club, Friday, September 22, at 7 p.m. David A. Roberson, state president of the Tennessee Society of Professional Engineers, will present the charter to Richard Jurko, president of the local ASCET chapter.

Principal speaker will be Representative John J. Duncan, U. S. Congressman from Tennessee. His topic will be "Professional Societies." Congressman Duncan will be introduced by F. L. Culler, assistant director of Oak Ridge National Laboratory.

The program will also include brief talks by A. K. Bissell, mayor of Oak Ridge; C. E. Larson, president of the Nuclear Division, Union Carbide Corporation; R. G. Jordan, plant superintendent at Oak Ridge Gaseous Diffusion Plant; and Roger F. Hibbs, superintendent of Y-12.

The meeting is open to the public and wives are invited. The price of the dinner is \$4 per person, and tickets may be obtained from any ASCET member or by contacting B. H. Montgomery, extension 3-7028; T. A. King, 3-7635; or R. E. Jurko, 3-4334.

Physics Division West Is Seminar Speaker

Martin L. West, ORNL Physics Division, will lead this week's seminar. His subject will be "Level Structure in ¹⁵O from Proton Bombardment of ¹⁴N."

The seminar is set for Friday, September 15, at 3:15 p.m. in the East Auditorium of ORNL's 4500 building.

MATTER OF DEGREE

There's nothing else in the world like a hard day's work . . . thank goodness!

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
26 Days
749,000 Man-Hours
(Unofficial Estimate)
Through September 10
Without a Disabling
Injury
Safety At Home
At Work, At Play



The Bulletin

Published Weekly For The
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UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

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Y-12 Outdraws All Others In Open House

Y-12 has had little experience in the tourist business. For the past 24 and one-half years, the plant has been clouded in a veil of secrecy. But the Labor Day week-end proved an exception, when Open House on Saturday and Sunday, September 2 and 3, brought approximately 6,600 visitors into part of the plant.

This was the first time that the general public had been allowed inside the security perimeter.

All part of the Oak Ridge-25 Celebration, which brought tourists from all over, the Open House festivities centered around the Electric and Electronics Laboratory in Building 9737. Other divisions in the plant, however, had interesting displays to please the crowds. (Y-12 led all facilities in total number of visitors for the big week-end.)

General Leslie R. Groves was a special visitor to Oak Ridge during the festivities. It was General Groves who chose the site of Oak Ridge and headed the massive Manhattan Project in late 1942.

Sunday afternoon proved the most popular time of all the visit, when almost 2,000 visitors were in the plant at one time.

The accompanying photographs register the amazement on many of the faces of the visitors.

The year-long celebration came to a climax over the Labor Day week-end. It was about this time 25 years ago that U. S. Government surveyors moved into the countryside of Anderson and Roane Counties. The rest is history.

Today's Teenagers Do Save On Regular Basis

Today's teenagers may be big spenders in the market place, but they also save more than we realize. A special study of some 88,000 high school seniors revealed that an overwhelming majority of them had a savings program while still in school. That is the conclusion of a joint study undertaken by the Institute of Life Insurance and the Life Insurance Agency Management Association, as reported in a monthly newsletter of the National Consumer Finance Association. More than two out of five boys and half the girls said either, "I save a definite amount," or "I save all I can and do without," the survey indicated. Only about one student in 14 said, "I save little or nothing," when asked about his savings program.

Obey security regulations.

3 Classic Teams Take Early Lead

The Classic League kicked off its 1967-68 bowling season last week in high fashion with three teams taking sweeping four-point wins. The Smelters smothered the Eagles; the Markers out-marked the Screwballs and the Playboys pushed past the Tigers. Taking three it was the Rippers over the Splinters, the Rebels past the All Stars, the Pin Busters by the Swingsters and the Has Beens over the Eightballs.

The Bumpers took two and one-half points from the Cubs. Elmer Green, Bumpers, bowled a 215 single scratch game; while R. P. Wallace, Pin Busters, boasted a 243 handicap single. Al Fischer, Smelters, scored a 570 scratch series; while Wallace returned to the boards with a 669 handicap series.

The Markers marked high in singles . . . 922 scratch, 1050 handicap . . . and scratch series of 2458. The Smelters stopped the rout by gaining handicap series with a 2912.

League standings follow:

Team	W	L
Smelters	4	0
Markers	4	0
Playboys	4	0
Rippers	3	1
Rebels	3	1
Pin Busters	3	1
Has Beens	3	1
Bumpers	2 1/2	1 1/2
Cubs	1 1/2	2 1/2
Eightballs	1	3
Swingsters	1	3
All Stars	1	3
Splinters	1	3
Tigers	0	4
Screwballs	0	4
Eagles	0	4

3 Teams Sweep In Mixed League

The Mixed Bowling League, eight teams strong, hit Ark Lanes last week opening their new season.

Three teams took sweeping wins, as the Mustangs mauled the Twisters; the Hits & Misses hit the Alley Cats, and the Goofers gained four points at the expense of the McSprays.

The Rollers and Roses 'N Thorns shared two points each.

Bob Foresman, new in the league, rolling with the Mustangs, hit male highs . . . rolling a single game of 201 . . . a series of 542 scratch, 583 handicap. Ethel Spray, also new in the league, rolling with the McSprays, posted a 180 scratch game, 194 handicap game . . . series of 491 scratch, 566 handicap.

The Mustangs mustered all team honors . . . singles of 640 scratch, 751 handicap . . . and series of 1840, 2227.

League standings follow:

Team	W	L
Mustangs	4	0
Hits & Misses	4	0
Goofers	4	0
Rollers	2	2
Roses 'N Thorns	2	2
Alley Cats	0	4
Twisters	0	4
McSprays	0	4

Del Grande, West Hold Tennis Leads

Ed Del Grande and Martin West keep unblemished records in the second half of the Tennis League . . . Del Grande with two wins . . . West with one.

Del Grande downed Don Legacy 6-4, 6-2 last week after losing the first match 6-4. He also trimmed D. H. Gray 6-1, 6-3.

Charles M. Jones defeated Campbell King 6-1, 6-2, losing match two 6-3. He also beat D. H. Gray 7-5, 6-4.

League standings follow:

Player	W	L
Ed Del Grande	2	0
Martin West	1	0
Charles M. Jones	2	1
Campbell King	0	1
Don Legacy	0	1
D. H. Gray	0	2

Recreation



calendar

Saturday, September 16

GOLF TOURNAMENT: 7 a.m. Southwest Point Course, Kingston.

Monday, September 17

BOWLING: 5:45 p.m. C League, Ark Lanes.

GOLF: Melton Hill Course, immediately after work.

TENNIS: League play as per schedule, to be arranged by players.

Tuesday, September 18

GOLF: Melton Hill Course, immediately after work.

Wednesday, September 19

CARBIDE RIFLE LEAGUE: 7 p.m. Clinton Rifle Range.

BOWLING: Mixed League, 8 p.m. Ark Lanes.

Thursday, September 20

BOWLING: Class League, 5:45 p.m., Ark Lanes.

HORSESHOE LEAGUE: 7 p.m. City Courts, Jackson Square.

Braves Lose 2 To Red Devils

In the ORNL-Y-12 softball tournament last Thursday, the Red Devils demolished the Y-12 Braves for two games.

The first game went to the Devils 15 to 10 as Tom Coffey poled two homers to help the winning cause. He was abetted by Charlie Dunn, Wayne Parsons and Dick Bowman, all with a homer each.

Stephen Babb belted the only four-bagger on the Braves' side of the tally . . . as the hits went 19 for the Devils . . . 16 for the Braves.

Game two was even more dismal for the Y-12 team . . . the Red Devils returned to win 12 to 5 . . . with Coffey again homering . . . and Dunn also.

The hits were 16 for the Red Devils and five for the Braves.

Monday night of this week it was 'do or die' for the Braves. They have to win both games Monday to stay alive in the 'best of five' series.

Slim 1-Point Lead Held In HossShoe Set

Y-12's Coley-Raper kept a one-point lead in the Horseshoe League last week by losing to Durham-Harness for five points. Winning nine it was Luckett-Barger over the Kendig-Zupan pair . . . and Gray-Leonard for eight over Hutto-Tillery.

Rein-Case took five from Helms-Lucke.

League standings follow:

Team	W	L
Coley-Raper, Y-12	29	7
Luckett-Barger, ORNL	28	8
Durham-Harness, ORNL	22	15
Helms-Lucke, Y-12	16	11
Matheny-Miller, ORNL	15	12
Rein-Case, ORNL	14	13
Gray-Leonard, ORNL	18	18
Hutto-Tillery, ORNL	2	34
Kendig-Y-12-Zupan, ORNL	0	36

Small-Bore Rifle League Meeting Called Tonight

The Fall Carbide Small-Bore Rifle League will hold an organization meeting tonight, Wednesday, September 13. The meeting is set for 7:30 p.m. at the Oak Ridge Sportsmen's Association indoor range.

The subjects to be discussed will be equalization of teams, dates, time, and place to be held, as well as rules of the season.

Any rifleman interested in participating in league action during the Fall months is invited to attend.



SERVICEMEN'S WIVES AND MOTHERS CLUB is sponsoring a "Ditty Bag" collection for G.I.'s all over the world. The "Ditties" will be sent to men in Vietnam, Germany, and all over by Christmas. Above, at left, Mrs. Ernest Edwards and Mrs. Norman Abbott ready some of the 374 ditty bags already stuffed. The Red Cross-sponsored project is opening its doors for any interested party. Edwards is in Y-12's Area Five Maintenance; Abbott is in General Expediting and Auxiliary Services.

Local Red Cross Chapter Is Sponsoring Ditty Bag Packing For GI's Overseas

The ancient "ditty bag" which sailors use to hold thread, needles, tape, etc. has a modern counterpart in the American Red Cross. "Ditty bags," which are made by volunteers and stuffed with various useful items are to be sent to the Armed Forces at Christmas each year.

The local Red Cross has about 600 bags, 374 of which have been filled, to be sent to service men all over the world. Local women are busy making and stuffing more 'ditties,' to be ready for the September 27th deadline.

A display showing a typical 'ditty bag' is in the window at the B & R Variety Store, Oak Ridge.

An estimate of the cash value of the contents in the typical sack is \$5. Would you like to fill such a 'ditty bag' to be sent to some G. I. this Christmas? Suggested items include a ball point pen, a plastic cigarette case, a terry cloth wash cloth, individual package of tissues, playing cards, comic and cartoon books, small packages of writing paper, lighter, nail clipper, small plastic bags, small address book, plastic soap dish, small puzzles or solitaire game, small plastic snapshot holders, hard candy, paperback books, travel games (miniature checkers, chess, acey duecy, etc.)



Will join car pool from Norwood Section, Knoxville, to Central Portal, straight day. Eugene Keith, plant phone 3-5606, home phone Knoxville 689-2229.

Ride wanted from Garden Apartments, Oak Ridge, to North or Central Portal, straight day. Patty Jones, plant phone 3-7382, home phone Oak Ridge 483-4624.

Ride wanted from Rambling Acres, Knoxville, to Central Portal, straight day. B. J. Jones, plant phone 3-5606.

Ride wanted from South Clinton, straight day. Ed McCombs, plant phone 3-7918, home phone Clinton 457-1495.

Car pool members wanted from West Knoxville area, West Hills, Kingston Hills sections, to North or Central Portals, straight day. E. J. Tullos, plant phone 3-5972, or L. E. Lebo, plant phone 3-5881.

Small tapes for recording personal messages to be sent home are also recommended. They come in reels of three inch tapes and measure 150 inches in length.

Anyone interested in filling a Ditty Bag may drop by the Red Cross building in Oak Ridge . . . or bring the contents by. The Red Cross is located on the Oak Ridge Turnpike, near Charlotte Hall.

The entire project is under the aegis of the Servicemen's Wives and Mothers Club, sponsored by the Red Cross.

The Ditty bag is shipped to the G.I.'s by the Red Cross . . . all you have to do is fill one.

Boys' Club Gridiron Contest Set Saturday

Saturday, September 16, is the date for the Oak Ridge Boys' Club annual football classic to be held at Blankenship Field. The featured game has the Oak Ridge Boys' Club midjets pitted against the Kingsport Boys' Club midjets at 8 p.m. There will be three preliminary games beginning at 4:30, 5:45 and 7 p.m., involving Oak Ridge Boys' Club teams and local area teams.

All proceeds from this game go to the Boys' Club building fund. Tickets are available from the Elks' Lodge and members of the Elks and at the Oak Ridge Boys' Club Building. The price is \$1 for adults and 50¢ for children.

This promises to be a good show of youthful football at its best. This is your chance to support the local Boys' Club.

Table Tennis Players Meeting, September 18

Calling all ping-pongers!

An organizational meeting for the Carbide Table Tennis League will be held Monday, September 18, at 7 p.m. at the Oak Ridge Wildcat Den.

All interested participants are urged to be present so that leagues may be formed for play to start on Monday, September 25.

OPTIMISTIC COACH

"All right, boys, here we are, unbeaten, untied, and unscored upon . . . ready for our first game of the season," said the coach.

Don't be a blabber mouth.



UNION CARBIDE CORPORATION
NUCLEAR DIVISION
P. O. BOX Y, OAK RIDGE, TENNESSEE 37830

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Secretaries Hold Seminar Saturday

The annual Seminar for Career Secretaries presented by the Oak Ridge Chapter of the National Secretaries Association will be held on Saturday, September 16, at the Holiday Inn. Registration will begin at 8:15 a.m. with the program starting at 8:45, according to Seminar Chairman Margaret Albritton. Advance registrations may be made through Registration Chairman Mary Helen Owen, 14 Westover Drive, Oak Ridge, or at ORNL, Building 4500. The seminar is open to all secretaries. Registration fee includes the full day's program and the CPS luncheon.

The theme for the program is "Professional Reassessment — Mind, Matter, Motivation." Dr. Clarence Maze, Jr., of the Business Administration Department at the University of Tennessee, will speak on "Preparing and Repairing Your Reports and Letters." Dr. Nathan S. Hall, Director of the UT-AEC Agricultural Research Laboratory, has selected "Radiobiology and the Little Pigs" as the subject of his remarks to the secretaries. A panel discussion moderated by Barbara Lyon of the ORNL Public Information Office will present Dr. Evelyn T. Rule of Knoxville as the psychologist who faces questions by NSA secretaries Grace Ditchen, Marigrace Kirstowsky, Rebecca Rickman, and Peggy Roberts.

Juanita Godfrey, a Certified Professional Secretary from Birmingham, Alabama, and a member of the Institute for Certifying Secretaries, will discuss "Your Professional Development" during the morning session. At the CPS luncheon, she will officially present certificates to the Oak Ridge secretaries who were certified this year. Union Carbide Corporation Nuclear Division has added two more Certified Professional Secretaries to its total. The 1967 CPSs are Jo Acres, secretary to J. W. Arendt, and Barbara Stonecipher, secretary to K. W. Bahler.

After the luncheon, interested secretaries are invited to meet with Mabel Tyer, chairman of the local NSA CPS and Education Committee, to discuss the CPS program and the special study courses sponsored by NSA which are scheduled to begin this fall.

Exhibits of office equipment will be open throughout the day. Nelline Ross, president of Oak Ridge NSA, emphasizes that the exhibits and the morning session are open to executives and business teachers at no charge. Companies presenting exhibits are Creswell Office Supply Co., Inc., Dictaphone Corporation, IBM Corporation, Southern Bell Telephone and Telegraph Co., The 3-M Company, and Xerox Corporation.

Quality Control Group Sets First Meeting

The Tennessee Chapter of the American Society for Quality Control has set its first meeting of the new year for Thursday, September 28.

It will be held at the Senator's Club, Knoxville, in the Emperor Room, with a social hour beginning at 6:30, dinner at 7:30 p.m.

Special guest for the initial meeting will be Robert M. Berg, Union Carbide Corporation, South Charleston, West Virginia. Berg is national president of the ASQC, and will detail what the association



MACHINING TAT PROJECT GRADUATES gain certificates in the year-long program to upgrade the skills of underemployed people in this area. The TAT project is supported by funds from the U.S. Department of Labor and the U.S. Office of Education. Richard E. Dew, seen in both photographs above with the graduates, supervised the training in the machining section. All of the courses except welding lasted one year.

TAT Grads

Continued from Page 1

3. Providing equipment and facilities.

"We believe we have accomplished our goals and are proud and enthusiastic about the results," Case concluded.

Eugene Joyce, Oak Ridge attorney, also addressed the graduating class. Attending the function were several Y-12ers connected with the TAT Project, officials from U.T., O.R.A.U. and state officials.

Applications have been considered for a second class of trainees for another year of training. The new classes will begin Monday, September 18. Approximately 1,500 persons — more than twice the 1966 figure — have applied for admissions. Appointments for the second year of training were to be made Friday, September 8.

ASME To Hear Distillery Facts

The Oak Ridge Subsection of the American Society of Mechanical Engineers will meet next week to hear the technical aspects of distilling.

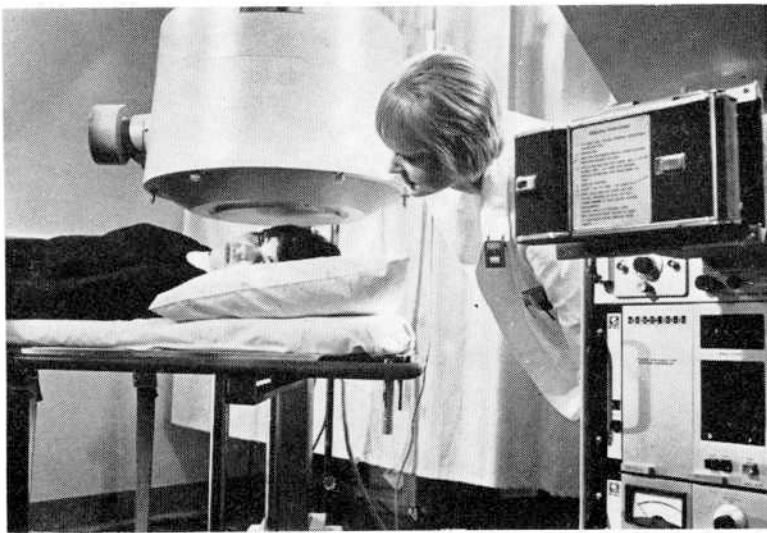
A. A. Lucchesi will speak to the group on "Technical Aspects of the Jack Daniel Distillery."

The meeting is set for Thursday, September 21, at the Elk's Club, on Arkansas Avenue, Oak Ridge. The social hour begins at 7 p.m. with the technical program at 8.

A reminder to ASME members: Be sure to mail your dues for 1967-68 to reach New York Headquarters by September 30. The local subsection receives funds from Headquarters to carry out the year's program based on the number who have actually paid their dues to that date.

tion is doing for the individual member from the national view.

Cost of the dinner is \$3.50 and reservations may be made through Dan Dawson, plant extension 3-5991.



ATOMIC CAMERA . . . This gamma camera can peer into the most inaccessible organ of the human body—the brain—and take a picture in less than 30 seconds. It is one of the new developments in the peaceful use of nuclear energy demonstrated in "The 21st Century" report "Atomic Medicine," Sunday, September 17, at 6 p.m. over WBIR-TV, Channel 10.

'Atomic Medicine' With Radio-Isotopes As Key Opens New Horizons For Mankind

A bold new frontier has been uncovered inside the atom, its unique powers and how doctors hope to use them are explored in "The 21st Century" report on "Atomic Medicine," Sunday, September 17, 6 to 6:30 p.m., EDT, in color on the CBS TV Network. The program is carried locally by WBIR-TV, Channel 10.

A prototype of the atomic hospital of tomorrow is seen in operation at the Medical Center of Brookhaven National Laboratory. The hospital has its own nuclear reactor to manufacture, on order, the specific radio-isotopes needed to diagnose and treat its patients.

CBS News Correspondent Walter Cronkite is principal reporter for the series, sponsored by Union Carbide Corporation.

Computerized control of radiation, the basic tool of atomic medicine, is demonstrated in cancer treatment at The Memorial Hospital for Cancer and Allied Diseases in New York City. The mighty power of nuclear radiation is controlled by a computer system that, in the future, will become a regional cancer center linked with dozens of hospitals.

Extra - corporeal - irradiation is demonstrated in the experimental treatment of a Leukemia patient. In the treatment, every drop of the patient's blood is subjected to a heavy dose of radiation outside of the body. Objective is destruction of the surplus white cells which clutter the Leukemia patient's blood stream and take room needed by oxygen-carrying red cells.

Dr. Glenn T. Seaborg, Chairman of the Atomic Energy Commission, and Dr. Victor Bond, Chairman of the medical department of Brookhaven National Laboratory, discuss the future of atomic medicine with Cronkite.

Radio-isotopes, key tool for the atomic physicians, are seen in production at the Oak Ridge Na-

tional Laboratory. Over 1,500 isotopes have been identified, and it is through at least 300 of these will have significant medical applications in the future. Recent progress in isotope research enables the Oak Ridge pharmaceutical bank to list radio-isotopes, with which doctors can perform 75 different diagnostic tests. Twenty-five of the isotopes are also used to treat disease.

Open House At Playhouse

The Oak Ridge Playhouse is holding its annual Open House and General Tryouts Sunday, September 17, beginning at 7:30 p.m. The Playhouse Board of Directors extends an invitation to everyone in the area to come and meet Playhouse personnel, visit the facilities, see a slide show and various demonstrations, and audition for roles in the plays scheduled for the Playhouse's 25th Anniversary Season.

The five major Playhouse productions will include "The King and I," opening November 10; "Streetcar Named Desire," opening January 19; "Dark of the Moon," opening March 8; "Mary, Mary," opening April 26; revival by request "Horse-O-Rama," opening June 7. Playhouse season memberships will also be available at the Open House and those interested in working on production crews can meet Mrs. Dave Alford, production manager.

The evening will conclude with refreshments and a social hour. The Playhouse Open House has become increasingly popular each year and the Playhouse Anniversary Committee is planning the best one yet to introduce more and more people to Playhouse activities.



The 'wine and roses' days of the last of summer beckon us out-doors. Beckoning beyond thresholds with Union Carbide Corporation are many Y-12ers. Congratulations.

20 YEARS

Roy B. Blankenship, Guard Department, September 16.

15 YEARS

Ernest L. Croley, General Metal Fabrication Shop, September 15.

Joe G. Harmon, Stores Department, September 15.

James D. Lovin, General Can Fabrication Shop, September 15.

Lee E. Richardson, Chemical Services, September 15.

Herman F. Wyrick, Area Five Maintenance, September 15.

John F. Griffith, Tool Grinding, September 17.

Elmore P. McFarland, Process Maintenance, September 17.

Wilbur N. Proffitt, Process Maintenance, September 18.

Ulysses Gadson, Buildings, Grounds and Maintenance Shops, September 19.

10 YEARS

Jay Coates, Data Processing, September 16.

Glenn J. Lawson, Civil and Architectural Engineering, September 16.

Harold C. Sanderson, Fabrications Systems Development, September 16.



"Krodnik, I don't doubt that you're doing the work of two men. Unfortunately, both are incompetent."